

“ARTICULATING STONE BASKET”

620797

ABSTRACT OF THE DISCLOSURE

5 A medical retrieval device includes a handle and a
hollow sheath extending forward from the handle. A slide is
attached to the handle for longitudinal movement along a path
between a rearward location and a forward location. A rotary
10 actuator having an axis of rotation generally transverse to the
path of movement of the slide is mounted to the slide for
rotational movement with respect thereto. A basket having at
least three legs is located at a forward end of the sheath. Two
adjacent basket legs are connected to a first side of the rotary
15 actuator, and the remaining basket legs are connected to the
opposite side of the rotary actuator such that rotation of the
rotary actuator displaces the two legs in a first direction with
respect to the sheath and displaces the remainder of the legs in
a direction opposite the first direction. The basket is retracted
20 within a forward portion of the sheath when the slide is in the
rearward location, and the basket is extended forward of the
forward end of the sheath when the slide is in the forward
location. Thus longitudinal movement of the slide extends and
retracts the basket, and rotation of the rotary actuator
articulates the basket.

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